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OM nucleic - nucleic search, using sw model

Run on: May 18, 2002, 02:17:48 ; Search time 733.22 Seconds

(without alignments)
1847.529 Million cell updates/sec

Title: US-09-719-748-1_COPY_98_886
Perfect score: 789
Sequence: ttagacatcgaggagagct.....cttcagacacccctggatc 789

Scoring table: IDENTITY_NUC
Gapop 10.0 , Gapext 1.0

Searched: 1736436 seqs, 858457221 residues

Total number of hits satisfying chosen parameters: 3472872

Minimum DB seq length: 0
Maximum DB seq length: 200000000

Post-processing: Minimum Match 0%
Listing first 45 summaries

Database : N_Geneseq_032802.*

1: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1980.DAT:*

2: /net/abs06/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1981.DAT:*

3: /net/abs06/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1982.DAT:*

4: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1983.DAT:*

5: /net/abs06/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1984.DAT:*

6: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1985.DAT:*

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8: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1987.DAT:*

9: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1988.DAT:*

10: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1989.DAT:*

11: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1990.DAT:*

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13: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1992.DAT:*

14: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1993.DAT:*

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16: /net/abs05/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1995.DAT:*

17: /net/abs06/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1996.DAT:*

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20: /net/abs06/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA1999.DAT:*

21: /net/abs06/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA2000.DAT:*

22: /net/abs06/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA2001.DAT:*

23: /net/abs06/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA2001B.DAT:*

24: /net/abs06/SIDS1/gcdata/hold-geneseq/geneseqn-emb1/NA2002.DAT:*

RESULT 1

AR249765 ID AA249765 standard; DNA; 1742 BP.

AC AR249765;

DT 18-APR-2000 (first entry)

XX Human DAP-kinase-related protein 1 (DRP-1) encoding DNA.

KW DAP-kinase-related protein 1; DRP-1; Death-Associated Protein; calmodulin-dependent serine/threonine kinase; apoptosis; dimerisation; cytostatic; antipsoriatic; immunosuppressive; metastasis; tumour; human; treatment; cancer; psoriasis; autoimmune disease; screening; ds.

OS Homo sapiens.

FH KEY Location/Qualifiers

FT CDS 62..1144

FT /*tag= a
FT /product= "DAP-kinase-related protein 1"
FT /*tag= b

FT polyA_signal

FT 1720..1725

FT WO9966030-A1.

FT PD 23-DEC-1999.

FT PP 15-JUN-1999; 99WO-US13411.

FT XX 15-JUN-1998; 98US-008294.

SUMMARIES

Result No.	Score	Query Match Length	DB ID	Description
1	789	100.0	1742 21 AAZA9765	Human DAP-kinase-r
2	760.2	96.3	1253 23 AAST3461	Human full-length DAP-kinase novel
3	495.2	62.8	2079 22 ARK94258	Murine ZIP-kinase
4	494.6	62.7	1429 20 AAX14657	Human ZIP-kinase
5	493.6	62.6	2132 20 AAX14656	Human cDNA sequenc
6	493.6	62.6	2224 22 AAH16158	Nucleotide sequenc
7	493.6	62.6	2224 22 AAH18068	Human death associ
8	398.2	4572 16 AAQ09838		Human death associ
9	398.2	50.5	5886 16 AAQ09838	

XX
PA
XX
PI Ota T, Nishikawa T, Isogai T, Hayashi K, Ishii S, Kawai Y;
PI Wakamatsu A, Sugiyama T, Nagai K, Kojima S, Otsuki T, Koga H;
XX
DR
XX
WPI; 2001-524255/58.

PT 830 Primers useful for synthesizing full length cDNA clones and their
PR use in genetic manipulation -
XX
PS Example 11; SEQ ID NO 1722; 1380pp + sequence listing; English.
XX
CC The invention relates to primers for synthesising full length cDNA
CC clones. 830 cDNA molecules encoding a human protein have been
CC isolated and nucleotide sequences of 5'- and 3'-ends of the cDNA
CC molecules have been determined. Primers for synthesising the full length cDNA
CC cDNA are useful for clarifying the function of the protein encoded by
the cDNA. The full length clones were obtained by construction of full
CC enriched cDNA libraries that were synthesised by the oligo-capping
method. The primers enable the production of the full length cDNA easily
without any special methods. The present sequence was used as the
representative sequence from a human clone which was used in
homology searches to identify the clone.
Note: The sequence data for this patent did not form part of the printed
specification, but was obtained in CD-ROM format directly from EPO.
XX
CC Sequence 757 BP; 176 A; 219 C; 220 G; 133 T; 9 other;
CC CC SQ

Db 6336 ctctttgacttcgtggcgaggagaggatgcgtacggaggacccaggttcctc 6395
 Qy 325 aacgagatcttgcgtgggtgactacttcacaacaaggaaattgtctacttgcattc 384
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 6396 aacgagatcttgcgtgggtgactacttcacaatccatcgacttgacacttg 6455
 Qy 385 aag 387
 |||||
 Db 6456 aag 6458

RESULT 14
 ABA09608
 ID ABA09608 standard; DNA: 1120 BP.
 XX
 AC ABA09608;
 XX
 DT 15-JAN-2002 (first entry)
 XX
 DE Human bone marrow expressed oligonucleotide SEQ ID NO: 34.
 KW Human; bone marrow; cyostatic; antirheumatic; antiarthritic; vulnerability;
 KW antiinflammatory; antibacterial; immunosuppressive; vasotrophic; cancer;
 KW antiluler; fungicide; antidiabetic; antiasthmatic; antiallergic;
 KW immunostimulant; analgesic; cerebroprotective; antianaemic; infection;
 KW nervous system disorder; autoimmune disorder; inflammation; allergy; ds.
 XX
 OS Homo sapiens.
 PN WO200174836-A1.
 XX
 PD 11-OCT-2001.
 XX
 DR 30-MAR-2001; 2001WO-US10472.
 XX
 PR 31-MAR-2000; 2000US-0540217.
 PR 23-AUG-2000; 2000US-0549167.
 PR 23-AUG-2000; 2000US-0549267.
 PR 30-NOV-2000; 2000US-250583P.
 XX
 PA (HYSE-) HYSEQ INC.
 XX
 PT Tang YT, Liu C, Drmanac RT, Ford JE, Boyle BJ;
 XX
 DR WPI: 2001-626375/72.
 P-PSDB; ABB12364.

XX
 PR New bone marrow-expressed nucleic acids and polypeptides, useful for
 diagnosis, treatment of inflammatory, autoimmune, neurological, cancer
 and increasing hematopoiesis, stem cell survival and bone growth and
 remodeling -
 XX
 PS Claim 1; Page 182; 380pp; English.

XX
 CC The present invention relates to bone marrow expressed polynucleotides
 and proteins. These sequences can be used in the treatment of
 inflammatory conditions (eg arthritis, Crohn's disease), cancer, central
 and peripheral nervous system diseases and neuropathies, such as
 Alzheimer's, Parkinson's and Huntington's diseases, spinal cord
 disorders, head trauma, cerebrovascular diseases, myeloid and lymphoid
 cell disorders, platelet disorders, stem cell disorders, bone
 degenerative disorders, autoimmune disorders, for example multiple
 sclerosis, diabetes and arthritis, viral and bacterial infections,
 allergies and blood coagulation disorders. The present sequence is a DNA
 of the invention.
 XX
 Sequence 1120 BP; 271 A; 304 C; 315 G; 230 T; 0 other;

Query Match 29.0%; Score 228.8; DB 22; Length 1120;
 Best Local Similarity 96.8%; Pred. No. 3e-55; Mismatches 7; Indels 1; Gaps 1;

Qy 539 ageccctggctggaggatgcattgtggatcatgggtcataccatcatcttca 598
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 23 agcccttaatgtctggaggatgcattgtggatcatgggtcataccatcatcttca 82
 Qy 599 gtggagatccctttctcgggagacagaaggaaactggcaatatacatat 658
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 83 gtggagatccctttctcgggagacagaaggaaactggcaatatacatat 142
 Qy 659 tgatttacactttgtataggaaatcttcagcatacagcgagttgcacaa 717
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 143 tggatggactttgtataggaaatcttcagcagtagcactggccggactt 202
 Qy 718 atccggaaatcttcgtttaaaggagccggaaacggccacactccagatgtcga 777
 ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| ||||| |||||
 Db 203 attccggaaatcttcgtttaaaggagccggaaacggccacactccagatgtcga 262
 Qy 778 caccccttgatc 789
 ||||| ||||| |||||
 Db 263 caccccttgatc 274

RESULT 15
 ABA09692
 ID ABA09692 standard; DNA: 1505 BP.
 XX
 AC ABA09692;
 XX
 DT 15-JAN-2002 (first entry)
 XX
 DE Human bone marrow expressed oligonucleotide SEQ ID NO: 201.
 XX
 PR 31-MAR-2000; 2000US-0540217.
 PR 23-AUG-2000; 2000US-0549167.
 PR 23-AUG-2000; 2000US-0549267.
 PR 30-NOV-2000; 2000US-250583P.
 XX
 OS Homo sapiens.
 XX
 PN WO200174836-A1.
 XX
 PD 11-OCT-2001.
 XX
 PR 30-MAR-2001; 2001WO-US10472.
 XX
 PR 31-MAR-2000; 2000US-0540217.
 PR 23-AUG-2000; 2000US-0549167.
 PR 23-AUG-2000; 2000US-0549267.
 PR 30-NOV-2000; 2000US-250583P.
 XX
 PA (HYSE-) HYSEQ INC.
 XX
 PT Tang YT, Liu C, Drmanac RT, Ford JE, Boyle BJ;
 XX
 DR WPI: 2001-626375/72.

XX
 PR New bone marrow-expressed nucleic acids and polypeptides, useful for
 diagnosis, treatment of inflammatory, autoimmune, neurological, cancer
 and increasing hematopoiesis, stem cell survival and bone growth and
 remodeling -
 XX
 PS Claim 1; Page 276-277; 380pp; English.

XX
 CC The present invention relates to bone marrow expressed polynucleotides
 and proteins. These sequences can be used in the treatment of
 inflammatory conditions (eg arthritis, Crohn's disease), cancer, central
 and peripheral nervous system diseases and neuropathies, such as
 Alzheimer's, Parkinson's and Huntington's diseases, spinal cord
 disorders, head trauma, cerebrovascular diseases, myeloid and lymphoid
 cell disorders, platelet disorders, stem cell disorders, bone
 degenerative disorders, autoimmune disorders, for example multiple
 sclerosis, diabetes and arthritis, viral and bacterial infections,

CC sclerosis, diabetes and arthritis' viral and bacterial infections,
CC allergies and blood coagulation disorders. The present sequence is a DNA
XX of the invention.

SQ Sequence 1505 BP; 417 A; 355 C; 399 G; 334 T; 0 other;

Query Match 29.0%; Score 228.8; DB 22; Length 1505;
Best Local Similarity 96.8%; Pred. No. 3.5e-55; Mismatches 0; Indels 7; Gaps 1;
Matches 244; Conservative 0;

Qy 539 accccctgggtcgaggctgacatgtggatggcatggcgtcatcacctacatccctttaa 598
Db 23 accccctgggtcgaggctgacatgtggatggcgtcatcacatccctttaa 82
Qy 599 gtggagcatcccttcctggagacacaaggaaactggcaaatatcacatcg 658
Db 83 gtggagcatcccttcctggagacacaaggaaactggcaaatatcacatcg 142
Qy 659 ttagttacgactttatggaaattttcgc-catacgagcqctggcaaggactt 717
Db 143 ttagttacgactttatggaaattttcgcagcagcagcqctggcccaaggactt 202
Qy 718 attcggaaaccttggtaaagaaccggaaacggctcaacatccaagggtctcaga 777
Db 203 attcggaaaccttgggttaagagaccggaaacgggtcaacatccaagggtctcaga 262
Qy 778 caccctgtatc 789
Db 263 caccctgtatc 274

Search completed: May 18, 2002, 02:18:08
Job time: 15072 sec